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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

## INFORMATION REPORT

CD NO.

25X1A

COUNTRY East Germany

DATE DISTR. 22 October 1953

SUBJECT Long Range Weather Forecasting Station of  
the East German Meteorological Service

NO. OF PAGES 2

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ACQUIREDNO. OF ENCLS.  
(LISTED BELOW)DATE OF  
INFO.SUPPLEMENT TO  
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1. The Long-Range Forecasting Section has been a part of the Synoptic Service of the Meteorological and Hydrologic Service of the DDR since 1 January 1953. However, it did not begin to function until July 1953 when the organization was assigned personnel, working space, and actual work. The organization of the new Long-Range Forecasting Section as of 1 August 1953 was as follows:

Chief of Section: Prof. Dr. Horst Philipps (also Director of the entire service)  
Deputy Chief : Dr. Bernhard (fmu)  
Synopticians : Teich (fmu)  
Grünevald (fmu)  
Theoreticians : Dr. Bernhard (fmu)  
Dr. Kohlsche (fmu)  
Statisticians : Dr. Heyer (fmu)  
Dr. Mäde (fmu) (formerly at Greifswald)  
Technicians : Kathe (fmu) (for synoptic)  
Hohberg (fmu) (for theoretical)  
Frau Hassenstein (fmu) (for statistics)  
In addition to the above personnel there are also three computers and one administrative officer.

2. The group has been assigned the task of developing an improved method of long-range forecasting based on the methods now being used at Bad Kissingen (West Germany) and in the United States. In carrying out this assignment, the 0300 and 1500 500mb charts are drawn daily and the 500mb 5-day mean map, now being produced at Bad Kissingen, is also being evaluated.
3. In addition to the actual research being carried out with the use of the daily and 5-day mean upper air charts, the group is also translating into German all the American literature in their possession which in any way pertains to long-range forecasting. The work of Prof. Baur, well-known German forecaster, is also being studied carefully. The research work of two other East Germans, Dr. Ponnendorf of Leipzig and Herr Fett of Rummelsburg, is also being examined for any assistance it may offer.

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6. The computers are determining mean values of temperature and pressure for various levels and for various parts of the northern hemisphere in accordance with the desires of the meteorologists.

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